

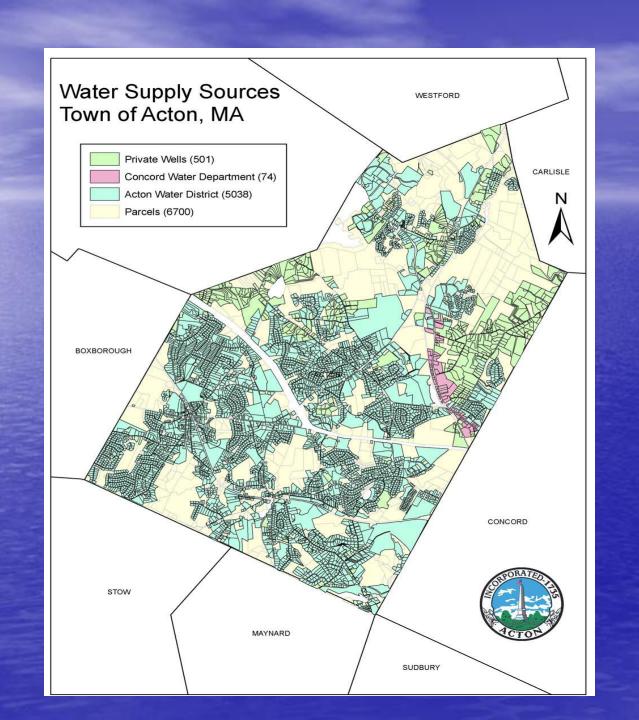
October 20, 2009

Matthew Mostoller

Environmental Compliance Manager

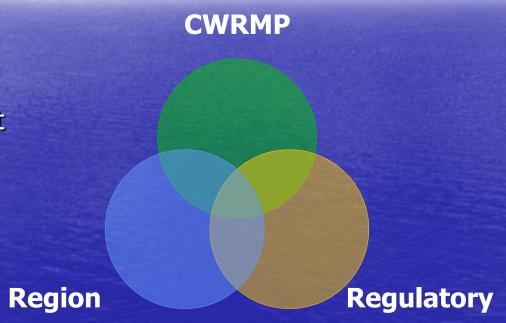
### Acton Water District

- History
- Service Area
- Water Supply
- Treatment
- Conservation



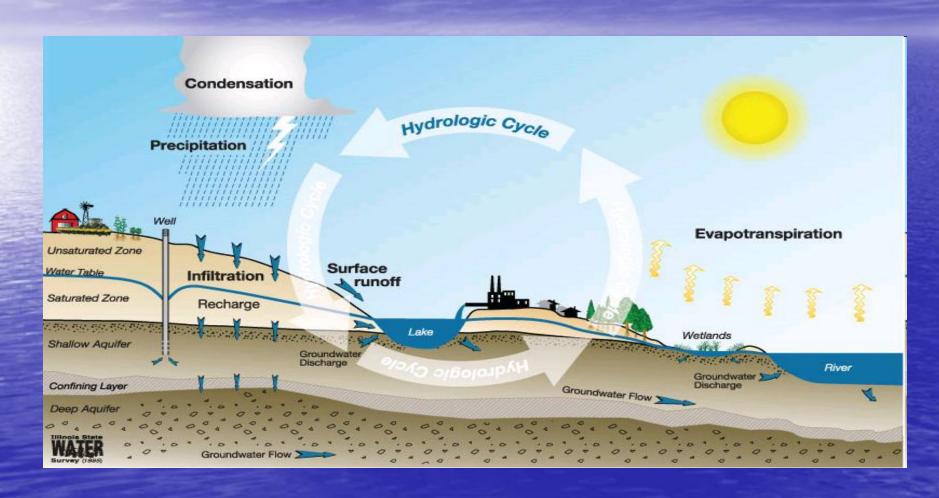
### Water Resource Issues

- Drinking Water
  - Potable Water
  - Fire Suppression
  - Economic Development
- Storm Water
- Stream Flow
- Agriculture
- Recreation
- Wastewater
  - Septic 80%
  - Sewer 10%
  - Cluster System 10%



# Hydrologic Cycle -

http://www.isws.illinois.edu/docs/watercycle/

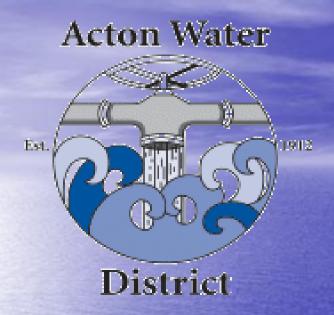


### Water Withdrawals

- Authorized Withdrawals
- Demand Management
- Safe Yield
- Peaking
- State and Regional Issues

# Water Quality

- Yesterday's practices are today's problems
- Regulations
- Treatment
- Source Protection
- Concerns
  - Emerging Contaminants
  - School Street Wells
  - Microbial Contamination
  - Groundwater under the influence of surface water



Thank you! mmostoller@actonwater.com

